Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Yelahanka Division

Name of Work: Construction of Compound wall other works to DWCC in ward no-02 of Yelahanka sub Division.

Est.Cost:37.50 Lakhs

Job Code:

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (Page No 143., I.No.19.1 of KPWD S.R 2018-19).								
	CC Road								
	Garbage Point	1	42.50	8.00	0.400	136.00			
		1	50.00	8.00	0.400	160.00			
		1	131.60	6.00	0.400	315.84			
	Basic Rate	130.00							
	Add Area Weightage @ 6%	7.80							
	Lead for 5 km (2x1.28x5)+57	69.80							
	Total	**207.60**							
					Total	**611.84**	**Cum**	**207.60**	**127017.98**
2	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision. (Page No 153., I.No.20.5 of KPWD S.R 2018-19).								
	CC Road								
	Garbage Point	1	42.50	8.00	0.150	51.00			
		1	50.00	8.00	0.150	60.00			
		1	131.60	6.00	0.150	118.44			
	Basic Rate	1882.00							
	Add Area Weightage @ 6%	112.92							
	Total	**1994.92**							
						229.44	**Cum**	**1994.92**	**457714.44**
3	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 (Page No 147., I.No.19.64 of KPWD S.R 2018-19).								
	CC Road								
	Garbage Point	1	42.50	8.00		340.00			
		1	50.00	8.00		400.00			
		1	131.60	6.00		789.60			

No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Basic Rate	6.00							
	Add Area Weightage @ 6%	0.36							
	Total	**6.36**				**1529.6**	**Sqm**	**6.36**	**9,728.26**
4	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:4:8with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (Page No 13., I.No.4.3 of KPWD S.R 2018-19).								
	CC Road								
	Garbage Point	1	42.50	8.00	0.100	34.00			
		1	50.00	8.00	0.100	40.00			
		1	131.60	6.00	0.100	78.96			
	Basic Rate	5102.00							
	Add Area Weightage @ 6%	306.12							
	Total	**5408.12**							
						152.96	**Cum**	**5408.12**	**827226.04**
5	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46um,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications. -do- with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum.(P.No.176, I.No. 22.6.1 PWD SR 2018-19)								
	CC Road								
	Garbage Point	1	42.50	8.00	0.150	51.00			
		1	50.00	8.00	0.150	60.00			
		1	131.60	6.00	0.150	118.44			
	Basic Rate	4916.00							
	Add Area Weightage @ 6%	294.96							
	Total	**5210.96**							
						229.44	**Cum**	**5210.96**	**1195602.66**
6	KSRB 5-14: Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 - do - with solid concrete blocks of size 400x200x200mm (Page No,-27, I.No. 5.27.2 of KPWD S.R 2018-19)								
	CC Road								
	Garbage Point	2	3.00		2.000	12.00			
	Basic Rate	912.00							
	Add Area Weightage @ 6%	54.72							

Sl No	Description of Items
	Tota
7	Providing and laying pr materials,labour,curing, tra {Data Rate sheet enclosed}
	CC Road
	Garbage Point
	Missing Bits
	Data Rat
	Total
8	Fabricating, providing and e 75 x 12mm M S Flat for alro Square of 20 x20 mm of diff bars of full height and at 8cm arrows inthe midle and top. pillars with necesary drillling of red lead ready mix primer pulleycranes with all lead and charges and all other incident and drawings (Page No 43., I.N
	Garbage Point
	Basic Rate
	Add Area Weightage @ 6%
	Total
1	
#REF!	
#REF!	

CERTIFICATE:-

1 The above estimate has been
2 Certify that the work spot has
3 This work is not slipt up
4 The work spot comes under B
6 The estimate prepared with es

Assistant Engineer
Ward no 02
BBMP, Bangalore.

Administrative Appr
Accorded For Rs 37
H of A/C P 3298
CE No: 108/18-19 D

TA CE (YNK)

Unit	Rate	Amount
Sqm	6.36	9,728.26
Cum	5408.12	827226.04
	5210.96	1195602.66

with OPC cement @
and fine aggregates @
15 cms. thick, well
uring complete as per

30 over a prepared
nd fine aggregate
ixed in a concrete
nix design, laid in
hene film, wedges,
rete with shovels,
in a continuous
l joints,including
25 micron, sealant
les, textured with
ineries,all lead &
gregate 0.69cum,

block density
nfirming to IS
aterials labour
KBS No.5.4 -
R 2018-19)

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Total	966.72				12.00	Sqm	966.72	11,600.64
7	Providing and laying pre-cast drain cover slab of 100mm thickness in CM1:3 including cost of all materials,labour,curing, transportation, loading, unloading etc.,as per doirections of the Enineer-in-charge. {Data Rate sheet enclosed}								
	CC Road								
	Garbage Point	1	60.00	1.50		90.00			
	Missing Bits	1	200.00	0.90		180.00			
	Data Rate	2337.00							
	Total	2337.00				270.00	Sqm	2337.00	630990.00
8	Fabricating, providing and erecting in poiston of M S Ornamental security Grill Gate without hot dip using 75 x 12mm M S Flat for alround frame work with verticals at the centre and horizontal centere support M S Square of 20 x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for suqare bars of full height and at 8cms C / C for bottom rods providg ornamental C I Designers at the botom and C I arrows inthe midle and top. The entire frame work is to be fixed by means of expansion bolts to the brick pillars with necesary drillling holes. the work includes providng two coats of enamel painting over one coatr of red lead ready mix primer coat etc complete cost of all labour, painting, erection charges using hoist pulleycranes with all lead and lift, loading, transporting and unloading using hoist pulley cranes, scaffolding charges and all other incidental charges required for successful completion fo the work as per specification and drawings (Page No 43., I.No.7.31 of KPWD S.R 2018-19)								
	Garbage Point	1	6.00		2.100	12.60			
			50 Kg / Sqm			630.00			
	Basic Rate	132.00							
	Add Area Weightage @ 6%	7.92							
	Total	139.92				630.00	in Kgs	139.92	88,149.60
								Sub Total	3348030.00
1								GST 12% Charges	401764.00
#REF!								Micelenious Charges	206.00
#REF!								Total	3750000.00

CERTIFICATE:-

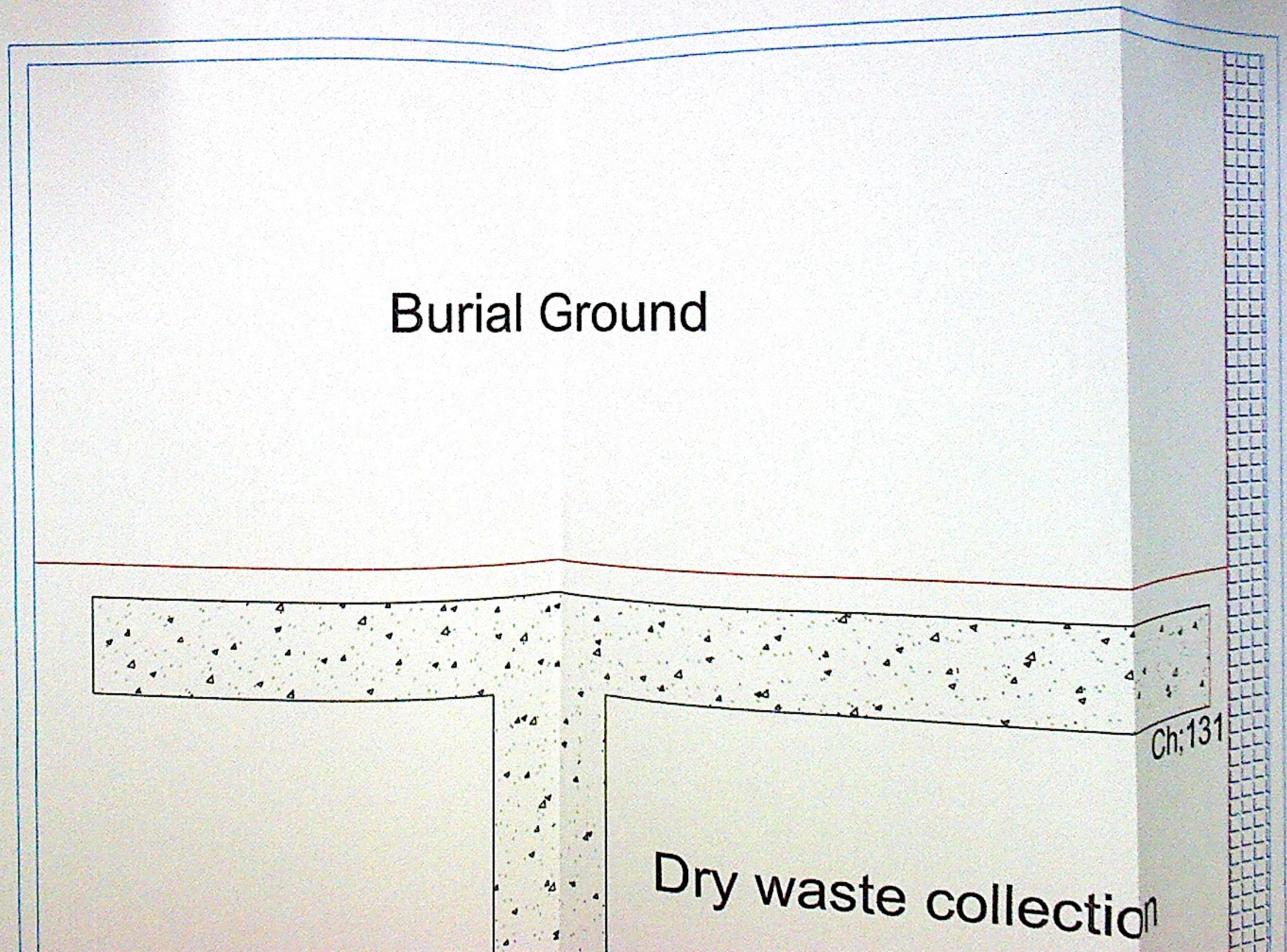
1 The above estimate has been prepared as per SR PWD-2018-19
2 Certify that the work spot has been inspected by me & prepared the estimate in most economical way of
3 This work is not slipt up
4 The work spot comes under BBMP limits
6 The estimate prepared with essential provision

Assistant Engineer
Ward no 02
BBMP, Bangalore.

Assistant Executive Engineer
Yalahanka Sub-division
BBMP, Bangalore.

Executive Engineer
Yelahanka division
BBMP, Bangalore.

Administrative Approval
Accorded For Rs 37.50 lacs only
Head of A/C P 3298
CER NO 108/1879 Dt 08.01.2019
TA CE (YNK)

Technical Sanction
Accorded For Rs 37.50 lacs only
Head of A/C P 3298
CER NO 195/1879 Dt 08.01.19
TA CE (YNK)

Construction of Compound wall other works to DWCC in ward no-0
of Yelahanka sub Division.